

# Quantitative determination of plant phenolics in *Urtica* high-performance liquid chromatography coupled with detection

Food Chemistry

143, 48-53

DOI: [10.1016/j.foodchem.2013.07.097](https://doi.org/10.1016/j.foodchem.2013.07.097)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Phytochemical composition and antioxidant, anti-inflammatory and antimicrobial activities of <i>Juniperus macrocarpa</i> Sibth. et Sm.. Journal of Functional Foods, 2014, 7, 257-268.	1.6	47
2	The level of elements and antioxidant activity of commercial dietary supplement formulations based on edible mushrooms. Food and Function, 2014, 5, 3170-3178.	2.1	22
3	Phenolic profile, antioxidant, anti-inflammatory and cytotoxic activities of black (Tuber aestivum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	4.2	52
4	Effect of Lyophilized Water Extract of <i>Urtica dioica</i> L. on the Shelf Life of Vacuum-Packaged Beef Steaks. Journal of Food Processing and Preservation, 2015, 39, 3059-3066.	0.9	9
5	RP-HPLC-ESI-QTOF/MS2 based strategy for the comprehensive metabolite profiling of <i>Sclerocarya birrea</i> (marula) bark. Industrial Crops and Products, 2015, 71, 214-234.	2.5	27
6	<i>Urtica dioica</i> leaves modulates muscarinic cholinergic system in the hippocampus of streptozotocin-induced diabetic mice. Metabolic Brain Disease, 2015, 30, 803-811.	1.4	29
7	The potential of stinging nettle ( <i>Urtica dioica</i> L.) as a crop with multiple uses. Industrial Crops and Products, 2015, 68, 42-49.	2.5	92
8	Pre-treatment and extraction techniques for recovery of added value compounds from wastes throughout the agri-food chain. Green Chemistry, 2016, 18, 6160-6204.	4.6	136
9	Prevention of polymicrobial biofilms composed of <i>Pseudomonas aeruginosa</i> and pathogenic fungi by essential oils from selected Citrus species. Pathogens and Disease, 2016, 74, ftw102.	0.8	34
10	Nettle ( <i>Urtica dioica</i> L.) as a source of antioxidant and anti-aging phytochemicals for cosmetic applications. Comptes Rendus Chimie, 2016, 19, 1090-1100.	0.2	64
11	<i>Urtica dioica</i> leaves modulates hippocampal smoothed-glioma associated oncogene-1 pathway and cognitive dysfunction in chronically stressed mice. Biomedicine and Pharmacotherapy, 2016, 83, 676-686.	2.5	21
12	Mineral composition, antioxidant and cytotoxic biopotentials of wild-growing <i>Ganoderma</i> species (Serbia): <i>G. lucidum</i> (Curtis) P. Karst vs. <i>G. applanatum</i> (Pers.) Pat.. International Journal of Food Science and Technology, 2016, 51, 2583-2590.	1.3	19
13	Analysis of a series of chlorogenic acid isomers using differential ion mobility and tandem mass spectrometry. Analytica Chimica Acta, 2016, 933, 164-174.	2.6	98
14	<i>Urtica dioica</i> modulates hippocampal insulin signaling and recognition memory deficit in streptozotocin induced diabetic mice. Metabolic Brain Disease, 2016, 31, 601-611.	1.4	32
15	Phenolic profile, antioxidant and anti-inflammatory potential of herb and root extracts of seven selected legumes. Industrial Crops and Products, 2016, 83, 641-653.	2.5	51
16	Evaluation of antioxidant activity and phenolic profile of filamentous terrestrial cyanobacterial strains isolated from forest ecosystem. Journal of Applied Phycology, 2016, 28, 2333-2342.	1.5	36
17	Comparison of nutritional properties of Stinging nettle ( <i>Urtica dioica</i> ) flour with wheat and barley flours. Food Science and Nutrition, 2016, 4, 119-124.	1.5	74
18	Comparative study of biological activities and phytochemical composition of two rose hips and their preserves: <i>Rosa canina</i> L. and <i>Rosa arvensis</i> Huds.. Food Chemistry, 2016, 192, 907-914.	4.2	101

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19	Evaluation of the quality of herbal teas by DART/TOF-MS. <i>Journal of Mass Spectrometry</i> , 2017, 52, 116-126.	0.7	16
20	The lignicolous fungus <i>Trametes versicolor</i> (L.) Lloyd (1920): a promising natural source of antiradical and AChE inhibitory agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 355-362.	2.5	57
21	A comparative overview of antioxidative properties and phenolic profiles of different fungal origins: fruiting bodies and submerged cultures of <i>Coprinus comatus</i> and <i>Coprinellus truncorum</i> . <i>Journal of Food Science and Technology</i> , 2017, 54, 430-438.	1.4	40
22	Chemical composition of stinging nettle leaves obtained by different analytical approaches. <i>Journal of Functional Foods</i> , 2017, 32, 18-26.	1.6	56
23	Chemical Composition and Immuno-Modulatory Effects of <i>Urtica dioica</i> L. (Stinging Nettle) Extracts. <i>Phytotherapy Research</i> , 2017, 31, 1183-1191.	2.8	34
24	Trends in LC-MS and LC-HRMS analysis and characterization of polyphenols in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 88, 1-24.	5.8	172
25	Alcoholic extracts of <i>Epilobium</i> , <i>Urtica dioica</i> and <i>Evernia prunastri</i> with 5-fluorouracil in controlling murine colon carcinoma cell growth in vitro. <i>Oriental Pharmacy and Experimental Medicine</i> , 2017, 17, 325-336.	1.2	3
26	<i>Sapium ellipticum</i> (Hochst) Pax ethanol leaf extract modulates glucokinase and glucose-6-phosphatase activities in streptozotocin induced diabetic rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 544-548.	0.5	8
27	Chemical and biological screening of stinging nettle leaves extracts obtained by modern extraction techniques. <i>Industrial Crops and Products</i> , 2017, 108, 423-430.	2.5	50
28	First evidence and quantification of quercetin derivatives in dogberries ( <i>Cornus sanguinea</i> L.). <i>Biyokimya Dergisi</i> , 2017, 42, 513-518.	0.1	5
29	Phenolic and polyphenolic profiles of chia seeds and their in vitro biological activities. <i>Journal of Functional Foods</i> , 2017, 35, 622-634.	1.6	99
30	Stinging nettle ( <i>Urtica dioica</i> L.): a reservoir of nutrition and bioactive components with great functional potential. <i>Journal of Food Measurement and Characterization</i> , 2017, 11, 423-433.	1.6	55
31	Polyphenolic profile, antioxidant and neuroprotective potency of grape juices and wines from FruÅ¾ka Gora region (Serbia). <i>International Journal of Food Properties</i> , 2017, 20, S2552-S2568.	1.3	19
32	Fatty acid profile of stinging nettle leaves: application of modern analytical procedures for sample preparation and analysis. <i>Analytical Methods</i> , 2018, 10, 1080-1087.	1.3	15
33	<i>Urtica dioica</i> L. leaf extract modulates blood pressure and oxidative stress in spontaneously hypertensive rats. <i>Phytomedicine</i> , 2018, 46, 39-45.	2.3	27
34	Phytochemical analysis, antioxidant, antibacterial and cytotoxic activity of different plant organs of <i>Eryngium serbicum</i> L.. <i>Industrial Crops and Products</i> , 2018, 115, 88-97.	2.5	23
35	Chemical characterization, antioxidant, genotoxic and in vitro cytotoxic activity assessment of <i>Juniperus communis</i> var. <i>saxatilis</i> . <i>Food and Chemical Toxicology</i> , 2018, 112, 118-125.	1.8	31
36	Antioxidant activity and phenolic profile in filamentous cyanobacteria: the impact of nitrogen. <i>Journal of Applied Phycology</i> , 2018, 30, 2337-2346.	1.5	39

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38	Phenolic profiles and antioxidant activity of defatted camelina and sophia seeds. <i>Food Chemistry</i> , 2018, 240, 917-925.	4.2	75
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40	Phytochemical composition and in vitro functional properties of three wild rose hips and their traditional preserves. <i>Food Chemistry</i> , 2018, 241, 290-300.	4.2	39
41	Chemical composition, antioxidant and anticancer activity of licorice from Fruska Gora locality. <i>Industrial Crops and Products</i> , 2018, 112, 217-224.	2.5	48
42	Geographic variability of selected phenolic compounds in fresh berries of two <i>Cornus</i> species. <i>Trees - Structure and Function</i> , 2018, 32, 203-214.	0.9	16
43	Solvent selection for efficient extraction of bioactive compounds from grape pomace. <i>Industrial Crops and Products</i> , 2018, 111, 379-390.	2.5	127
44	Phenolic composition and antioxidant potential of different organs of Kazakh <i>Crataegus almaatensis</i> Pojark: A comparison with the European <i>Crataegus oxyacantha</i> L. flowers. <i>Open Chemistry</i> , 2018, 16, 415-426.	1.0	14
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47	Isolation and GC Analysis of Fatty Acids: Study Case of Stinging Nettle Leaves. , 2018, , .		1
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50	Antioxidant capacity and $\beta$ -glucosidase inhibitory activity of leaf extracts from ten ramie cultivars. <i>Industrial Crops and Products</i> , 2018, 122, 430-437.	2.5	16
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52	Therapeutic Perspectives of Molecules from <i>Urtica dioica</i> Extracts for Cancer Treatment. <i>Molecules</i> , 2019, 24, 2753.	1.7	54
53	Flavonoids and Phenolic Acids as Potential Natural Antioxidants. , 0, , .		56
54	Metabolomics of the alimurgic plants <i>Taraxacum officinale</i> , <i>Papaver rhoeas</i> and <i>Urtica dioica</i> by combined NMR and GC-MS analysis. <i>Phytochemical Analysis</i> , 2019, 30, 535-546.	1.2	28

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55	Some Chemical Characteristics and Oxidative Stability of Cold Pressed Grape Seed Oils Obtained from Different Winery Waste. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1800416.	1.0	15
56	Nutrient limitation as a tool for the induction of secondary metabolites with antioxidant activity in basil cultivars. <i>Industrial Crops and Products</i> , 2019, 138, 111462.	2.5	48
57	Advantages of contemporary extraction techniques for the extraction of bioactive constituents from black elderberry ( <i>Sambucus nigra</i> L.) flowers. <i>Industrial Crops and Products</i> , 2019, 136, 93-101.	2.5	44
58	Nanocomposite of montmorillonite/nettle extract: A potential ingredient for functional foods development. <i>Journal of Functional Foods</i> , 2019, 57, 166-172.	1.6	15
59	Fatty Acids Predominantly Affect Anti-Hydroxyl Radical Activity and FRAP Value: The Case Study of Two Edible Mushrooms. <i>Antioxidants</i> , 2019, 8, 480.	2.2	13
60	<i>Alchemilla vulgaris</i> agg. (Lady's mantle) from central Balkan: antioxidant, anticancer and enzyme inhibition properties. <i>RSC Advances</i> , 2019, 9, 37474-37483.	1.7	18
61	Beyond the wall: High-throughput quantification of plant soluble and cell-wall bound phenolics by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1589, 93-104.	1.8	32
62	Wild edible onions "Allium flavum and Allium carinatum" successfully prevent adverse effects of chemotherapeutic drug doxorubicin. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2482-2491.	2.5	22
63	The polysaccharide extracts from the fungi <i>Coprinus comatus</i> and <i>Coprinellus truncorum</i> do exhibit AChE inhibitory activity. <i>Natural Product Research</i> , 2019, 33, 750-754.	1.0	38
64	<i>Coprinus comatus</i> filtrate extract, a novel neuroprotective agent of natural origin. <i>Natural Product Research</i> , 2020, 34, 2346-2350.	1.0	11
65	HPLC-MS/MS profiling of wild-growing scentless chamomile. <i>Acta Chromatographica</i> , 2020, 32, 86-94.	0.7	17
66	Changes in Total Polyphenol Content and Antioxidant Capacity of Stinging Nettle ( <i>Urtica dioica</i> L.) from Spring to Autumn. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 64, 548-554.	0.5	8
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71	Accelerated Solvent Extraction as a Green Tool for the Recovery of Polyphenols and Pigments from Wild Nettle Leaves. <i>Processes</i> , 2020, 8, 803.	1.3	37
72	Optimization of high hydrostatic pressure assisted extraction of stinging nettle leaves using response surface methodology experimental design. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 2773-2780.	1.6	7

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74	Chemical composition, nutritional profile and <i>in vivo</i> antioxidant properties of the cultivated mushroom <i>Coprinus comatus</i> . Royal Society Open Science, 2020, 7, 200900.	1.1	18
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83	<i>Urtica dioica</i> Whole Vegetable as a Functional Food Targeting Fat Accumulation and Insulin Resistance-a Preliminary Study in a Mouse Pre-Diabetic Model. Nutrients, 2020, 12, 1059.	1.7	8
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100	Characterization of chitosan-hydroxypropyl methylcellulose blend films enriched with nettle or sage leaf extract for active food packaging applications. <i>Food Hydrocolloids</i> , 2021, 120, 106979.	5.6	39
101	Effect of Rheum Ribes and <i>Urtica Dioica</i> on type 2 diabetic rats. <i>International Journal of Pharmaceutical and Phytopharmacological Research</i> , 2021, 11, 63-69.	0.1	7
102	Bioactive Compounds in Wild Nettle ( <i>Urtica dioica</i> L.) Leaves and Stalks: Polyphenols and Pigments upon Seasonal and Habitat Variations. <i>Foods</i> , 2021, 10, 190.	1.9	46
103	Targeting fish spoilers <i>Pseudomonas</i> and <i>Shewanella</i> with oregano and nettle extracts. <i>International Journal of Food Microbiology</i> , 2020, 328, 108664.	2.1	23
104	Bioactivity and chemical profiling of the <i>Juniperus excelsa</i> , which support its usage as a food preservative and nutraceutical. <i>International Journal of Food Properties</i> , 0, , 1-12.	1.3	3
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109	Edible mycorrhizal species <i>Lactarius controversus</i> Pers. 1800 as a source of antioxidant and cytotoxic agents. <i>Hemijaska Industrija</i> , 2016, 70, 113-122.	0.3	6
110	Phenolic profiling and bioactivities of fresh fruits and jam of <i>Sorbus</i> species. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 651-664.	0.4	19
111	Nutritional and phenolic profile of small edible fungal species <i>Coprinellus disseminatus</i> (pers.) J.E. Lange 1938. <i>Food and Feed Research</i> , 2018, 45, 119-128.	0.2	2
112	Etlık Pilişlerde Kekik Ekstraktının Performans, Barsak Morfometrisi, Besin Sindirilebilirliği ve Bağırsak Yanlışlıklarına Etkileri. <i>Kafkas Üniversitesi Veteriner Fakültesi Dergisi</i> , 2018, , .	0.0	1
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118	Evaluation of <i>Sambucus nigra</i> L. Biopotential as an Unused Natural Resource. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11207.	1.3	6
119	Recovery of biologically active compounds from stinging nettle leaves part I: Supercritical carbon dioxide extraction. <i>Food Chemistry</i> , 2022, 373, 131724.	4.2	13
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121	Ethnobotany of stinging nettle ( <i>Urtica simensis</i> Hochst. ex. A. Rich.) in the Oromia region of central and southeastern highlands of Ethiopia. <i>CABI Agriculture and Bioscience</i> , 2022, 3, .	1.1	2
122	Efectiveness of using of nettle extract in raising broiler chickens. <i>Bulletin of NSAU (Novosibirsk State)</i> Tj ETQq1 1 0,784314 rBT /Ove	0.2	1
123	Application of Ultrasound as Clean Technology for Extraction of Specialized Metabolites From Stinging Nettle ( <i>Urtica dioica</i> L.). <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	8
124	Elderberry ( <i>Sambucus Nigra</i> L.) Wine as a Novel Potential Functional Food Product. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
125	Variation in the Content of Bioactive Compounds in Infusions Prepared from Different Parts of Wild Polish Stinging Nettle ( <i>Urtica dioica</i> L.). <i>Molecules</i> , 2022, 27, 4242.	1.7	4
126	Chemical Composition of Various <i>Nepeta cataria</i> Plant Organs™ Methanol Extracts Associated with In Vivo Hepatoprotective and Antigenotoxic Features as well as Molecular Modeling Investigations. <i>Plants</i> , 2022, 11, 2114.	1.6	3



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127	Stinging Nettle ( <i>Urtica dioica</i> L.): Nutritional Composition, Bioactive Compounds, and Food Functional Properties. <i>Molecules</i> , 2022, 27, 5219.	1.7	30
128	Elderberry ( <i>Sambucus nigra</i> L.) wine as a novel potential functional food product. <i>Food Bioscience</i> , 2022, 50, 102047.	2.0	3
129	<i>Urtica dioica</i> L., 2022, , 553-563.		0
130	<i>Urtica dioica</i> and <i>Dodonaea viscosa</i> leaf extracts as eco-friendly bioagents against <i>Alternaria alternata</i> isolate TAA-05 from tomato plant. <i>Scientific Reports</i> , 2022, 12, .	1.6	12
131	Could elderberry fruits processed by modern and conventional drying and extraction technology be considered a valuable source of health-promoting compounds?. <i>Food Chemistry</i> , 2023, 405, 134766.	4.2	3
132	Edible Wild Vegetables <i>Urtica dioica</i> L. and <i>Aegopodium podagraria</i> L.â€™Antioxidants Affected by Processing. <i>Plants</i> , 2022, 11, 2710.	1.6	7
133	Evidence-Based Anti-Diabetic Properties of Plant from the Occitan Valleys of the Piedmont Alps. <i>Pharmaceutics</i> , 2022, 14, 2371.	2.0	4
134	Beyond Traditional Use of <i>Alchemilla vulgaris</i> : Genoprotective and Antitumor Activity In Vitro. <i>Molecules</i> , 2022, 27, 8113.	1.7	3
135	Sterols and pentacyclic triterpenoids from nettle root: content and composition as affected by pressurized liquid extraction. <i>Journal of the Science of Food and Agriculture</i> , 2023, 103, 4058-4067.	1.7	1
136	Hydroethanolic Extract of <i>Urtica dioica</i> L. (Stinging Nettle) Leaves as Disaccharidase Inhibitor and Glucose Transport in Caco-2 Hinderer. <i>Molecules</i> , 2022, 27, 8872.	1.7	8
137	A metabolomic platform to identify and quantify polyphenols in coffee and related species using liquid chromatography mass spectrometry. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	0
138	Wild Stinging Nettle ( <i>Urtica dioica</i> L.) Leaves and Roots Chemical Composition and Phenols Extraction. <i>Plants</i> , 2023, 12, 309.	1.6	8
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141	Pumpkin pulp extracts from a Serbian <i>Cucurbita maxima</i> breeding collection: profile of phenolics and in vitro bioactivity. <i>Planta Medica</i> , 2022, , .	0.7	0
142	Effects of UV Stress in Promoting Antioxidant Activities in Fungal Species <i>Dicrametes versicolor</i> (L.) Lloyd and <i>Flammulina velutipes</i> (Curtis) Singer. <i>Antioxidants</i> , 2023, 12, 302.	2.2	7
143	Recovery of Polyphenolic Compounds and Vitamins from the Stinging Nettle Leaves: Thermal and Behavior and Biological Activity of Obtained Extracts. <i>Molecules</i> , 2023, 28, 2278.	1.7	3
144	Recovery of Biologically Active Compounds from Stinging Nettle Leaves Part II: Processing of Exhausted Plant Material after Supercritical Fluid Extraction. <i>Foods</i> , 2023, 12, 809.	1.9	2

#	ARTICLE	IF	CITATIONS
145	Do Ganoderma Species Represent Novel Sources of Phenolic Based Antimicrobial Agents?. Molecules, 2023, 28, 3264.	1.7	4